GenCore version 4.5

OM nucleic - nucleic search, using sw model

Run on: March 9, 2002, 00:54:06 ; Search time 319.49 Seconds
(without alignments)
17.722 Million cell updates/sec

Title: US-09-851-670-4
Perfect score: 25
Sequence: 1 acagtagcagcaacagcatgagacc 25

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 351203 seqs, 113238999 residues

Total number of hits satisfying chosen parameters: 515962

Minimum DB seq length: 0
Maximum DB seq length: 60

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_NA:*
1: ./cgn2_6/ptodata/2/ina/5A_COMB.seq:*
2: /cgn2_6/ptodata/2/ina/5B_COMB.seq:*
3: /cgn2_6/ptodata/2/ina/6A_COMB.seq:*
4: /cgn2_6/ptodata/2/ina/6B_COMB.seq:*
5: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
6: /cgn2_6/ptodata/2/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.		Score	% Query Match	Length	DB	ID	Description
1		16.2	64.8	57	4	US-09-043-303-14	Sequence 14, Appl
2	c	15.8	63.2	52	4	US-09-332-769-3	Sequence 3, Appli
3	c	15.8	63.2	52	4	US-09-456-153-3	Sequence 3, Appli
4	c	15.6	62.4	43	2	US-08-531-927B-17	Sequence 17, Appl
5		15	60.0	40	2	US-08-628-422-35	Sequence 35, Appl
6		14.6	58.4	21	2	US-08-863-639A-28	Sequence 28, Appl
7	c	14.6	58.4	21	2	US-08-863-639A-60	Sequence 60, Appl
8		14.6	58.4	24	2	US-08-863-639A-94	Sequence 94, Appl
9		14.6	58.4	30	1	US-08-068-747-6	Sequence 6, Appli
10	c	14.6	58.4	30	1	US-08-068-747-11	Sequence 11, Appl
11		14.6	58.4	30	2	US-08-863-639A-30	Sequence 30, Appl
12		14.6	58.4	30	4	US-09-135-994-4	Sequence 4, Appli
13		14.6	58.4	31	2	US-08-570-155-14	Sequence 14, Appl
14		14.6	58.4	31	5	PCT-US95-02861-14	Sequence 14, Appl
15	c	14.6	58.4	33	2	US-08-863-639A-29	Sequence 29, Appl
16		14.6	58.4	36	2	US-08-863-639A-31	Sequence 31, Appl
17	c	14.6	58.4	40	2	US-08-411-607A-7	Sequence 7, Appli
18	c	14.6	58.4	51	1	US-08-068-747-1	Sequence 1, Appli
19	c	14.4	57.6	42	4	US-09-142-355B-11	Sequence 11, Appl
20	c	14.2	56.8	23	1	US-08-390-850-363	Sequence 363, App
21	c	14.2	56.8	23	1	US-08-435-634-363	Sequence 363, App
22		14.2	56.8	24	1	US-08-423-383-76	Sequence 76, Appl
23		14.2	56.8	24	1	US-08-620-467A-43	Sequence 43, Appl
24		14.2	56.8	24	1	US-08-348-572-44	Sequence 44, Appl
25		14.2	56.8	24	2	US-08-437-353A-76	Sequence 76, Appl
26		14.2	56.8	24	3	US-08-559-205-47	Sequence 47, Appl
27		14.2	56.8	24	3	US-09-041-090B-44	Sequence 44, Appl
28	c	14.2	56.8	31	1	US-08-390-850-93	Sequence 93, Appl
29	c	14.2	56.8	31	1	US-08-390-850-94	Sequence 94, Appl
30	c	14.2	56.8	31	1	US-08-390-850-95	Sequence 95, Appl
31	c	14.2	56.8	31	1	US-08-435-634-93	Sequence 93, Appl
32	c	14.2	56.8	31	1	US-08-435-634-94	Sequence 94, Appl
33	c	14.2	56.8	31	1	US-08-435-634-95	Sequence 95, Appl
34		14	56.0	39	1	US-08-120-607A-5	Sequence 5, Appli
35		14	56.0	39	2	US-08-453-848-5	Sequence 5, Appli
36		14	56.0	39	4	US-09-169-027-5	Sequence 5, Appli
37	c	13.8	55.2	18	2	US-08-863-639A-17	Sequence 17, Appl
38	c	13.8	55.2	20	3	US-09-418-641-21	Sequence 21, Appl
39	c	13.8	55.2	20	3	US-09-418-641-80	Sequence 80, Appl
40	c	13.8	55.2	21	2	US-08-267-803B-66	Sequence 66, Appl
41		13.8	55.2	21	2	US-08-863-639A-40	Sequence 40, Appl
42		13.8	55.2	21	2	US-08-863-639A-66	Sequence 66, Appl
43	c	13.8	55.2	21	2	US-08-863-639A-69	Sequence 69, Appl
44	c	13.8	55.2	21	2	US-08-863-639A-87	Sequence 87, Appl
45		13.8	55.2	21	3	US-08-781-891-8	Sequence 8, Appli

ALIGNMENTS

RESULT 1
US-09-043-303-14
; Sequence 14, Application US/09043303
; Patent No. 6251589
; GENERAL INFORMATION:
; APPLICANT: TSUJI, Shoji
; APPLICANT: SANPEI, Kazujiro
; TITLE OF INVENTION: Method for Diagnosing Spinocerebellar Alaxia Type 2 and
; TITLE OF INVENTION: Primers Therefor
; FILE REFERENCE: 0760-0241P
; CURRENT APPLICATION NUMBER: US/09/043,303
; CURRENT FILING DATE: 1998-05-18
; EARLIER APPLICATION NUMBER: PCT/JP96/01999
; EARLIER FILING DATE: 1996-07-18
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 14
; LENGTH: 57
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-043-303-14

Query Match 64.8%; Score 16.2; DB 4; Length 57;
Best Local Similarity 85.7%; Pred. No. 1.5e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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Qy       2 cagtagcagcaacagcatgag 22
           ||| |||||||||||||  ||
Db      10 cagcagcagcaacagcagcag 30
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RESULT 2
US-09-332-769-3/c
; Sequence 3, Application US/09332769
; Patent No. 6172076
; GENERAL INFORMATION:
; APPLICANT: Embrey, Mark W.
; APPLICANT: Perlow, Debra S.
; APPLICANT: Wai, John S.
; APPLICANT: Hoffman, Jacob M.
; TITLE OF INVENTION: INHIBITORS OF PRENYL-PROTEIN
; TITLE OF INVENTION: TRANSFERASE
; FILE REFERENCE: 19982Y
; CURRENT APPLICATION NUMBER: US/09/332,769
; CURRENT FILING DATE: 1999-06-14
; EARLIER APPLICATION NUMBER: US 60/089,311
; EARLIER FILING DATE: 1998-06-15
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: FastSEQ for Windows Version 3.0

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; SEQ ID NO 3
;   LENGTH: 52
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: completely synthesized
US-09-332-769-3


  Query Match             63.2%;  Score 15.8;  DB 4;  Length 52;
  Best Local Similarity   89.5%;  Pred. No. 2.2e+02;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy       2 cagtagcagcaacagcatg 20
           ||| ||||||| |||||||
Db      43 CAGCAGCAGCAGCAGCATG 25


RESULT   3
US-09-456-153-3/c
; Sequence 3, Application US/09456153
; Patent No. 6284755
; GENERAL INFORMATION:
;  APPLICANT: deSolms, S. Jane
;  APPLICANT: Graham, Samuel L.
;  APPLICANT: Shaw, Anthony W.
;  APPLICANT: Ciccarone, Terrence M.
;  APPLICANT: Stokker, Gerald E.
;  TITLE OF INVENTION: INHIBITORS OF PRENYL-PROTEIN
;  TITLE OF INVENTION: TRANSFERASE
;  FILE REFERENCE: 20312Y
;  CURRENT APPLICATION NUMBER: US/09/456,153
;  CURRENT FILING DATE: 1999-12-07
;  EARLIER APPLICATION NUMBER: US 60/111,416
;  EARLIER FILING DATE: 1998-12-08
;  EARLIER APPLICATION NUMBER: US 60/129,282
;  EARLIER FILING DATE: 1999-04-14
;  NUMBER OF SEQ ID NOS: 21
;  SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 3
;   LENGTH: 52
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: completely synthesized
US-09-456-153-3


  Query Match             63.2%;  Score 15.8;  DB 4;  Length 52;
  Best Local Similarity   89.5%;  Pred. No. 2.2e+02;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy       2 cagtagcagcaacagcatg 20
           ||| ||||||| |||||||
Db      43 CAGCAGCAGCAGCAGCATG 25


RESULT   4
US-08-531-927B-17/c
; Sequence 17, Application US/08531927B
; Patent No. 5840491
;  GENERAL INFORMATION:
;    APPLICANT:  Kakizuka, Akira
;    TITLE OF INVENTION:  DNA Sequence Encoding the Machado-Joseph
; Patent No. 5840491
;    TITLE OF INVENTION:  Disease Gene and Uses Thereof
;    NUMBER OF SEQUENCES:  23
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Hamilton, Brook, Smith & Reynolds, P.C.
;      STREET:  Two Militia Drive
;      CITY:  Lexington
;      STATE:  Massachusetts
;      COUNTRY:  USA
;      ZIP:  02173-4799
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/531,927B
;      FILING DATE:  21-SEP-1995
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  JP H6-251600
;      FILING DATE:  21-SEP-1994
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Granahan, Patricia
;      REGISTRATION NUMBER:  32,227
;      REFERENCE/DOCKET NUMBER:  ATH95-01A
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  617-861-6240
;      TELEFAX:  617-861-9540
;  INFORMATION FOR SEQ ID NO:  17:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  43 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  DNA (genomic)
US-08-531-927B-17


  Query Match             62.4%;  Score 15.6;  DB 2;  Length 43;
  Best Local Similarity   81.8%;  Pred. No. 2.6e+02;
  Matches   18;  Conservative    0;  Mismatches    4;  Indels    0;  Gaps    0;

Qy       2 cagtagcagcaacagcatgaga 23
           ||| ||||||| |||||  |||
Db      26 CAGCAGCAGCAGCAGCAGAA 5


RESULT   5
US-08-628-422-35
; Sequence 35, Application US/08628422
; Patent No. 5837854
;  GENERAL INFORMATION:
;    APPLICANT:  Mulder, Carel
;    TITLE OF INVENTION:  OLIGONUCLEOTIDES WITH ANTI-EPSTEIN-BARR
;    TITLE OF INVENTION:  VIRUS ACTIVITY
;    NUMBER OF SEQUENCES:  63
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Fish & Richardson P.C.
;      STREET:  225 Franklin Street
;      CITY:  Boston
;      STATE:  MA
;      COUNTRY:  USA
;      ZIP:  02110-2804
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/628,422
;      FILING DATE:
;      CLASSIFICATION:  514
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Fasse, J. Peter
;      REGISTRATION NUMBER:  32,983
;      REFERENCE/DOCKET NUMBER:  04020/094001
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  617/542-5070
;      TELEFAX:  617/542-8906
;      TELEX:  200154
;  INFORMATION FOR SEQ ID NO:  35:
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;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  40 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  DNA
US-08-628-422-35


  Query Match             60.0%;  Score 15;  DB 2;  Length 40;
  Best Local Similarity   78.3%;  Pred. No. 4.5e+02;
  Matches   18;  Conservative    0;  Mismatches    5;  Indels    0;  Gaps    0;

Qy      1 acagtagcagcaacagcatgaga 23
          ||||||||  ||| || | ||||
Db      3 ACAGTAGCGCCAAGAGGAGGAGA 25


RESULT   6
US-08-863-639A-28
; Sequence 28, Application US/08863639A
; Patent No. 5981185
;  GENERAL INFORMATION:
;    APPLICANT:  Matson, Robert S.
;    APPLICANT:  Coassin, Peter J.
;    APPLICANT:  Rampal, Jang B.
;    APPLICANT:  Caskey, C. T.
;    TITLE OF INVENTION:  OLIGONUCLEOTIDE REPEAT ARRAYS
;    NUMBER OF SEQUENCES:  95
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Sheldon & Mak
;      STREET:  225 South Lake Avenue, 9th Floor
;      CITY:  Pasadena
;      STATE:  CA
;      COUNTRY:  USA
;      ZIP:  91101
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette, 3.50 inch, 1.44 Mb storage
;      COMPUTER:  IBM compatible
;      OPERATING SYSTEM:  Windows 95
;      SOFTWARE:  Corel WordPerfect 8 version
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/863,639A
;      FILING DATE:  May 28, 1997
;      CLASSIFICATION:  435
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Joseph E. Mueth
;      REGISTRATION NUMBER:  20,532
;      REFERENCE/DOCKET NUMBER:  11859-1
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (626) 796-4000
;      TELEFAX:  (626) 795-6321
;  INFORMATION FOR SEQ ID NO:  28:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  21 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  Other nucleic acid
US-08-863-639A-28


  Query Match             58.4%;  Score 14.6;  DB 2;  Length 21;
  Best Local Similarity   81.0%;  Pred. No. 6.1e+02;
  Matches   17;  Conservative    0;  Mismatches    4;  Indels    0;  Gaps    0;

Qy      2 cagtagcagcaacagcatgag 22
          ||| ||||||| |||||  ||
Db      1 CAGCAGCAGCAGCAGCAG 21


RESULT   7
US-08-863-639A-60/c
; Sequence 60, Application US/08863639A
; Patent No. 5981185
;  GENERAL INFORMATION:
;    APPLICANT:  Matson, Robert S.
;    APPLICANT:  Coassin, Peter J.
;    APPLICANT:  Rampal, Jang B.
;    APPLICANT:  Caskey, C. T.
;    TITLE OF INVENTION:  OLIGONUCLEOTIDE REPEAT ARRAYS
;    NUMBER OF SEQUENCES:  95
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Sheldon & Mak
;      STREET:  225 South Lake Avenue, 9th Floor
;      CITY:  Pasadena
;      STATE:  CA
;      COUNTRY:  USA
;      ZIP:  91101
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette, 3.50 inch, 1.44 Mb storage
;      COMPUTER:  IBM compatible
;      OPERATING SYSTEM:  Windows 95
;      SOFTWARE:  Corel WordPerfect 8 version
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/863,639A
;      FILING DATE:  May 28, 1997
;      CLASSIFICATION:  435
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Joseph E. Mueth
;      REGISTRATION NUMBER:  20,532
;      REFERENCE/DOCKET NUMBER:  11859-1
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (626) 796-4000
;      TELEFAX:  (626) 795-6321
;  INFORMATION FOR SEQ ID NO:  60:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  21 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  Other nucleic acid
US-08-863-639A-60


  Query Match             58.4%;  Score 14.6;  DB 2;  Length 21;
  Best Local Similarity   81.0%;  Pred. No. 6.1e+02;
  Matches   17;  Conservative    0;  Mismatches    4;  Indels    0;  Gaps    0;

Qy      2 cagtagcagcaacagcatgag 22
          ||| ||||||| |||||  ||
Db     21 CAGCAGCAGCAGCAGCAG 1


RESULT   8
US-08-863-639A-94
; Sequence 94, Application US/08863639A
; Patent No. 5981185
;  GENERAL INFORMATION:
;    APPLICANT:  Matson, Robert S.
;    APPLICANT:  Coassin, Peter J.
;    APPLICANT:  Rampal, Jang B.
;    APPLICANT:  Caskey, C. T.
;    TITLE OF INVENTION:  OLIGONUCLEOTIDE REPEAT ARRAYS
;    NUMBER OF SEQUENCES:  95
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Sheldon & Mak
;      STREET:  225 South Lake Avenue, 9th Floor
;      CITY:  Pasadena
;      STATE:  CA
;      COUNTRY:  USA
;      ZIP:  91101
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette, 3.50 inch, 1.44 Mb storage
;      COMPUTER:  IBM compatible
;      OPERATING SYSTEM:  Windows 95
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;      SOFTWARE:  Corel WordPerfect 8 version
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/863,639A
;      FILING DATE:  May 28, 1997
;      CLASSIFICATION:  435
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Joseph E. Mueth
;      REGISTRATION NUMBER:  20,532
;      REFERENCE/DOCKET NUMBER:  11859-1
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (626) 796-4000
;      TELEFAX:  (626) 795-6321
;  INFORMATION FOR SEQ ID NO:  94:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  24 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  Other nucleic acid
US-08-863-639A-94


  Query Match             58.4%;  Score 14.6;  DB 2;  Length 24;
  Best Local Similarity   81.0%;  Pred. No. 6.2e+02;
  Matches   17;  Conservative    0;  Mismatches    4;  Indels    0;  Gaps    0;

Qy      2 cagtagcagcaacagcatgag 22
          ||| ||||||| ||||| ||
Db      2 CAGCAGCAGCAGCAGCAG 22


RESULT  9
US-08-068-747-6
; Sequence 6, Application US/08068747
; Patent No. 5695933
;  GENERAL INFORMATION:
;    APPLICANT:  Schalling, Martin
;    APPLICANT:  Hudson, Thomas J.
;    APPLICANT:  Housman, David E.
;    TITLE OF INVENTION:  Direct Determination of Expanded
;    TITLE OF INVENTION:  Nucleotide Repeats in the Human Genome
;    NUMBER OF SEQUENCES:  11
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Hamilton, Brook, Smith & Reynolds, P.C.
;      STREET:  Two Militia Drive
;      CITY:  Lexington
;      STATE:  Massachusett
;      COUNTRY:  USA
;      ZIP:  02173
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/068,747
;      FILING DATE:  28-MAY-1993
;      CLASSIFICATION:  435
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Granahan, Patricia
;      REGISTRATION NUMBER:  32,227
;      REFERENCE/DOCKET NUMBER:  MIT-6141
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  617-861-6240
;      TELEFAX:  617-861-9540
;  INFORMATION FOR SEQ ID NO:  6:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  30 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  other nucleic acid
;      DESCRIPTION:  /desc = "Synthetic"
US-08-068-747-6


  Query Match             58.4%;  Score 14.6;  DB 1;  Length 30;
  Best Local Similarity   81.0%;  Pred. No. 6.3e+02;
  Matches   17;  Conservative    0;  Mismatches    4;  Indels    0;  Gaps    0;

Qy      2 cagtagcagcaacagcatgag 22
          ||| ||||||| ||||| ||
Db      1 CAGCAGCAGCAGCAGCAG 21


RESULT  10
US-08-068-747-11/c
; Sequence 11, Application US/08068747
; Patent No. 5695933
;  GENERAL INFORMATION:
;    APPLICANT:  Schalling, Martin
;    APPLICANT:  Hudson, Thomas J.
;    APPLICANT:  Housman, David E.
;    TITLE OF INVENTION:  Direct Determination of Expanded
;    TITLE OF INVENTION:  Nucleotide Repeats in the Human Genome
;    NUMBER OF SEQUENCES:  11
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Hamilton, Brook, Smith & Reynolds, P.C.
;      STREET:  Two Militia Drive
;      CITY:  Lexington
;      STATE:  Massachusett
;      COUNTRY:  USA
;      ZIP:  02173
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/068,747
;      FILING DATE:  28-MAY-1993
;      CLASSIFICATION:  435
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Granahan, Patricia
;      REGISTRATION NUMBER:  32,227
;      REFERENCE/DOCKET NUMBER:  MIT-6141
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  617-861-6240
;      TELEFAX:  617-861-9540
;  INFORMATION FOR SEQ ID NO:  11:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  30 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  other nucleic acid
;      DESCRIPTION:  /desc = "Synthetic"
US-08-068-747-11


  Query Match             58.4%;  Score 14.6;  DB 1;  Length 30;
  Best Local Similarity   81.0%;  Pred. No. 6.3e+02;
  Matches   17;  Conservative    0;  Mismatches    4;  Indels    0;  Gaps    0;

Qy      2 cagtagcagcaacagcatgag 22
          ||| ||||||| ||||| ||
Db     30 CAGCAGCAGCAGCAGCAG 10


RESULT  11
US-08-863-639A-30
; Sequence 30, Application US/08863639A
; Patent No. 5981185
;  GENERAL INFORMATION:
;    APPLICANT:  Matson, Robert S.
;    APPLICANT:  Coassin, Peter J.
```

```
;    APPLICANT:  Rampal, Jang B.
;    APPLICANT:  Caskey, C. T.
;    TITLE OF INVENTION:  OLIGONUCLEOTIDE REPEAT ARRAYS
;    NUMBER OF SEQUENCES:  95
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Sheldon & Mak
;      STREET:  225 South Lake Avenue, 9th Floor
;      CITY:  Pasadena
;      STATE:  CA
;      COUNTRY:  USA
;      ZIP:  91101
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette, 3.50 inch, 1.44 Mb storage
;      COMPUTER:  IBM compatible
;      OPERATING SYSTEM:  Windows 95
;      SOFTWARE:  Corel WordPerfect 8 version
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/863,639A
;      FILING DATE:  May 28, 1997
;      CLASSIFICATION:  435
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Joseph E. Mueth
;      REGISTRATION NUMBER:  20,532
;      REFERENCE/DOCKET NUMBER:  11859-1
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (626) 796-4000
;      TELEFAX:  (626) 795-6321
;  INFORMATION FOR SEQ ID NO:  30:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  30 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  Other nucleic acid
US-08-863-639A-30


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  Best Local Similarity   81.0%;  Pred. No. 6.3e+02;
  Matches   17;  Conservative    0;  Mismatches    4;  Indels    0;  Gaps    0;

Qy      2 cagtagcagcaacagcatgag 22
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Db      1 CAGCAGCAGCAGCAGCAG 21


RESULT  12
US-09-135-994-4
; Sequence 4, Application US/09135994A
; Patent No. 6280938
; GENERAL INFORMATION:
;  APPLICANT: Ranum et al.
;  TITLE OF INVENTION: SCA7 GENE AND METHODS OF USE
;  FILE REFERENCE: University of Minnesota
;  CURRENT APPLICATION NUMBER: US/09/135,994A
;  CURRENT FILING DATE: 1998-08-18
;  EARLIER APPLICATION NUMBER: 60/056,170
;  EARLIER FILING DATE: 1997-08-19
;  NUMBER OF SEQ ID NOS: 14
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
;   LENGTH: 30
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-09-135-994-4


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Qy      2 cagtagcagcaacagcatgag 22
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Db      1 cagcagcagcagcagcag 21


RESULT  13
US-08-570-155-14
; Sequence 14, Application US/08570155
; Patent No. 5962332
; GENERAL INFORMATION:
;    APPLICANT:  Singer, Robert H.
;    APPLICANT:  Taneja, Krishan L.
;    TITLE OF INVENTION:  DETECTION OF TRINUCLEOTIDE REPEATS
;    TITLE OF INVENTION:  BY IN SITU HYBRIDIZATION
;    NUMBER OF SEQUENCES:  17
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  FISH & RICHARDSON P.C.
;      STREET:  225 Franklin Street
;      CITY:  Boston
;      STATE:  Massachusetts
;      COUNTRY:  U.S.A.
;      ZIP:  02110-2804
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version
;      SOFTWARE:  #1.30B
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/570,155
;      FILING DATE:
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/399,499
;      FILING DATE:  07 March 1995
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/214,823
;      FILING DATE:  17 March 1994
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Clark, Paul T.
;      REGISTRATION NUMBER:  30,162
;      REFERENCE/DOCKET NUMBER:  06353/011001
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (617) 542-5070
;      TELEFAX:  (617) 542-8906
;      TELEX:  200154
;  INFORMATION FOR SEQ ID NO:  14:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  31 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  cDNA
US-08-570-155-14


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  Matches   17;  Conservative    0;  Mismatches    4;  Indels    0;  Gaps    0;

Qy      2 cagtagcagcaacagcatgag 22
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RESULT  14
PCT-US95-02861-14
; Sequence 14, Application PC/TUS9502861
;  GENERAL INFORMATION:
;    APPLICANT:  Singer, Robert H.
;    APPLICANT:  Taneja, Krishan L.
;    TITLE OF INVENTION:  DETECTION OF TRINUCLEOTIDE
;    TITLE OF INVENTION:  REPEATS
;    TITLE OF INVENTION:  BY IN SITU HYBRIDIZATION
;    NUMBER OF SEQUENCES:  15
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;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  FISH & RICHARDSON P.C.
;      STREET:  225 Franklin Street
;      CITY:  Boston
;      STATE:  Massachusetts
;      COUNTRY:  U.S.A.
;      ZIP:  02110-2804
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0,
;      SOFTWARE:  Version
;      SOFTWARE:  #1.30B
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  PCT/US95/02861
;      FILING DATE:  08 March 1995
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/214,823
;      FILING DATE:  17 March 1994
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Creason, Gary L.
;      REGISTRATION NUMBER:  34,310
;      REFERENCE/DOCKET NUMBER:  06353/010WO1
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (617) 542-5070
;      TELEFAX:  (617) 542-8906
;      TELEX:  200154
;  INFORMATION FOR SEQ ID NO:  14:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  31 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  cDNA
PCT-US95-02861-14


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Qy      2 cagtagcagcaacagcatgag 22
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Db      1 CAGCAGCAGCAGCAGCAGCAG 21


RESULT  15
US-08-863-639A-29/c
; Sequence 29, Application US/08863639A
; Patent No. 5981185
;  GENERAL INFORMATION:
;    APPLICANT:  Matson, Robert S.
;    APPLICANT:  Coassin, Peter J.
;    APPLICANT:  Rampal, Jang B.
;    APPLICANT:  Caskey, C. T.
;    TITLE OF INVENTION:  OLIGONUCLEOTIDE REPEAT ARRAYS
;    NUMBER OF SEQUENCES:  95
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Sheldon & Mak
;      STREET:  225 South Lake Avenue, 9th Floor
;      CITY:  Pasadena
;      STATE:  CA
;      COUNTRY:  USA
;      ZIP:  91101
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette, 3.50 inch, 1.44 Mb storage
;      COMPUTER:  IBM compatible
;      OPERATING SYSTEM:  Windows 95
;      SOFTWARE:  Corel WordPerfect 8 version
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/863,639A
;      FILING DATE:  May 28, 1997
;      CLASSIFICATION:  435
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Joseph E. Mueth
;      REGISTRATION NUMBER:  20,532
;      REFERENCE/DOCKET NUMBER:  11859-1
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (626) 796-4000
;      TELEFAX:  (626) 795-6321
;  INFORMATION FOR SEQ ID NO:  29:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  33 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  Other nucleic acid
US-08-863-639A-29


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  Best Local Similarity   81.0%;  Pred. No. 6.4e+02;
  Matches   17;  Conservative    0;  Mismatches    4;  Indels    0;  Gaps    0;

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Job time: 11358 sec
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